

DO NOT ENTER

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HP
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In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the Application.

Listing of Claims:

1. (Currently amended) In a data storage environment having a first volume of data denominated as the source being stored on a data storage system, and a second volume of data denominated as a clone and which has data content that is a copy of the data content of the source being stored on the data storage system or on another data storage system, a method, operable on a computer system, for managing data content during a restoration of the source, the method comprising the steps of:

restoring the source by copying data content from the clone to overwrite the data content of the source, allowing host reads and writes to the source during the restoration ~~restore~~;

if preserving the data content of the clone is selected, then not allowing the data content of the clone to be overwritten by host writes during the restoring step; and

if preserving the data content is not selected, then overwriting the data contents of the clone during the restoring step ~~restoration~~ and determining extents of the source affected by any host write request; and

if any extents affected by the host write request are involved during the restoring step ~~in the restoration~~ and preserving is not selected, then setting an indicator to indicate that the extents need to be re-copied.